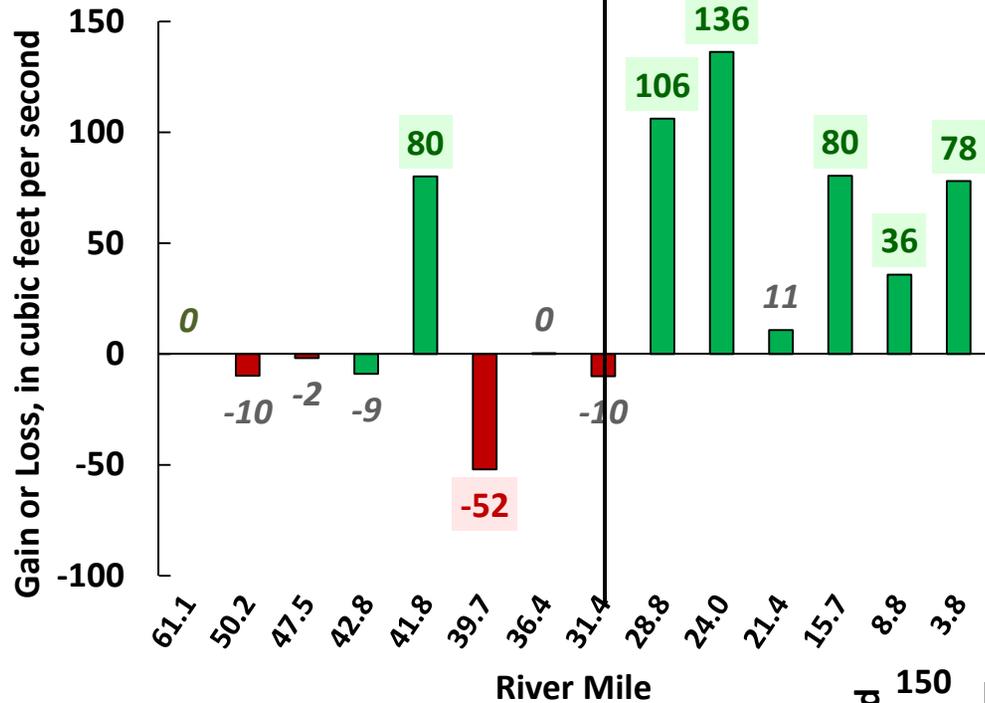


Groundwater Gains & Losses

August

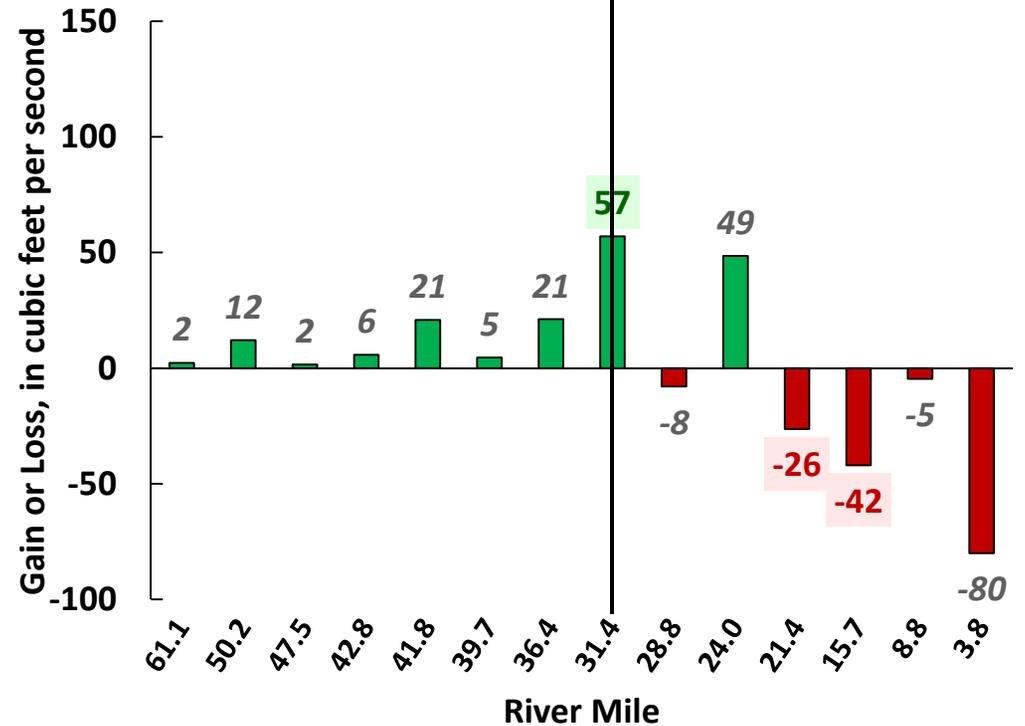


October

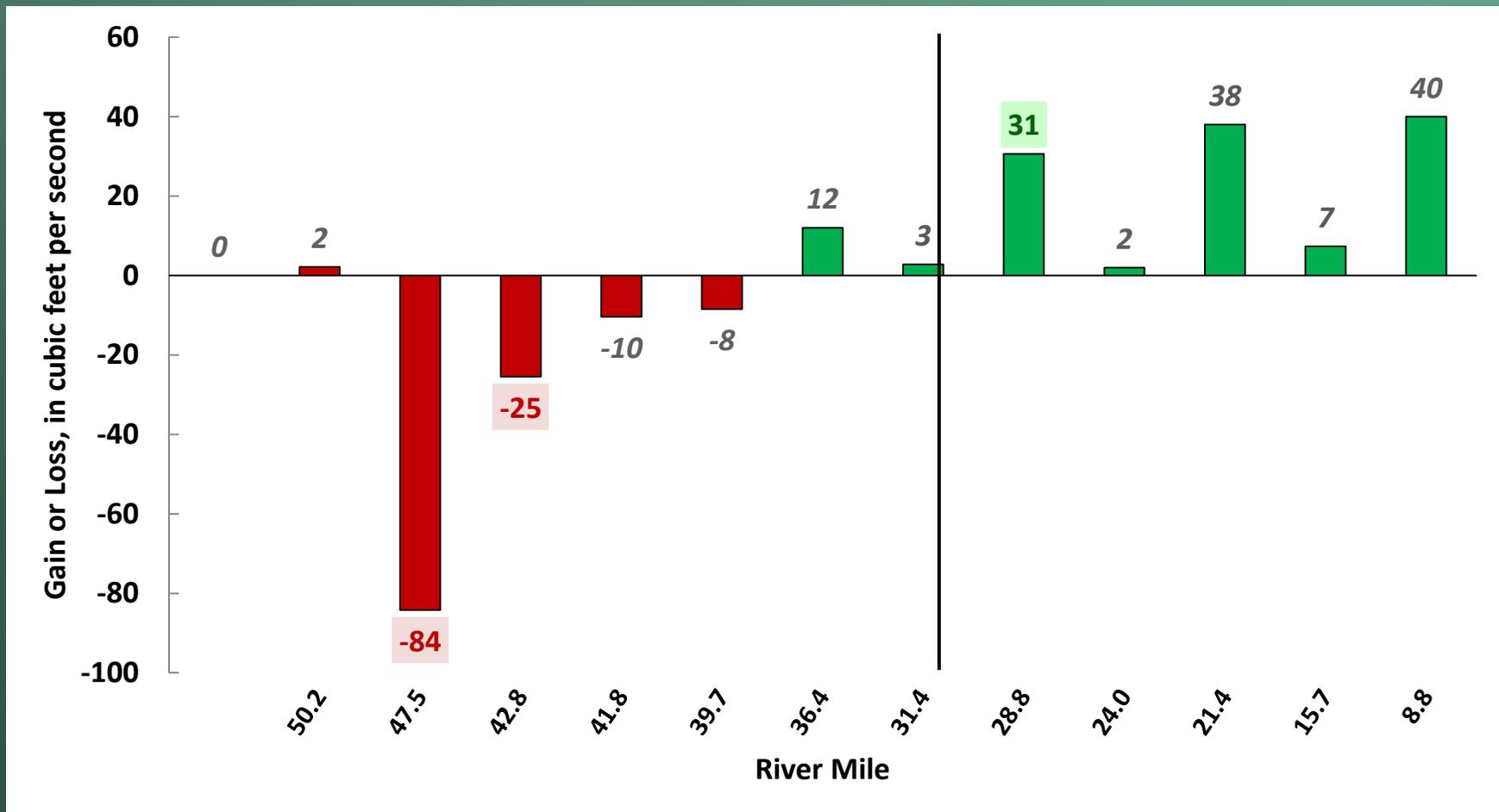
Average Q Uncertainty
 7.4% main-stem
 3.4% tributaries
 10% diversions



Provisional – Subject to Peer Review



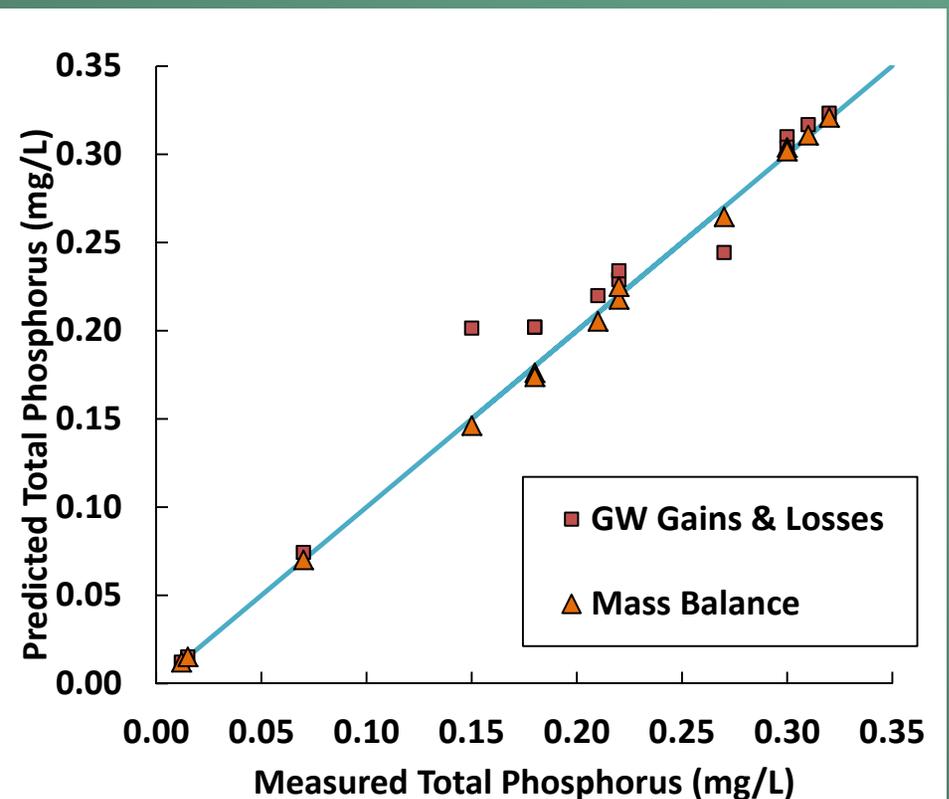
March Gains and Losses



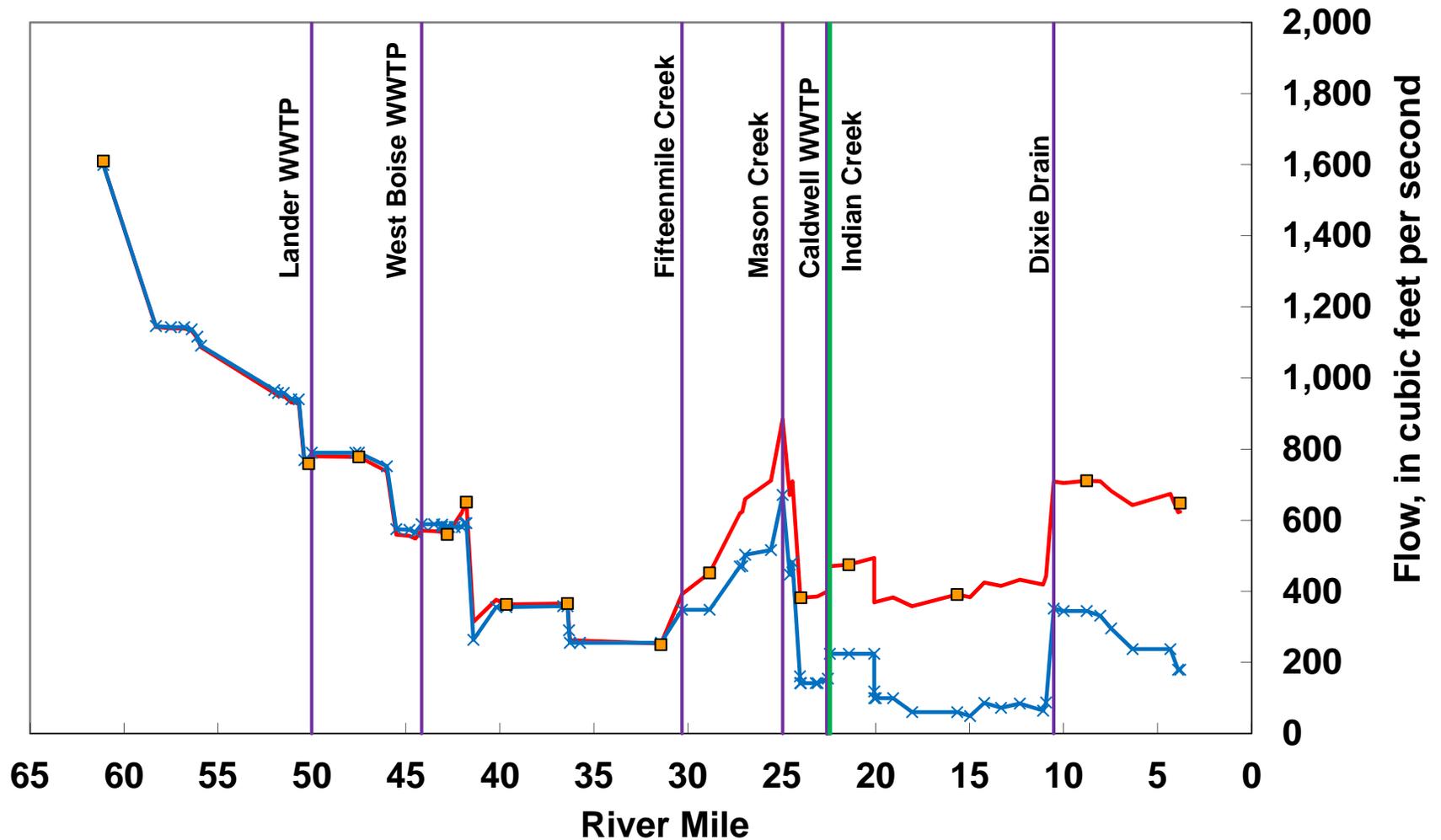
Provisional – Subject to Peer Review

August Results

- 14 main-stem samples
 - >97% R² predictive model
 - Best Fit GW = back-calculated TP

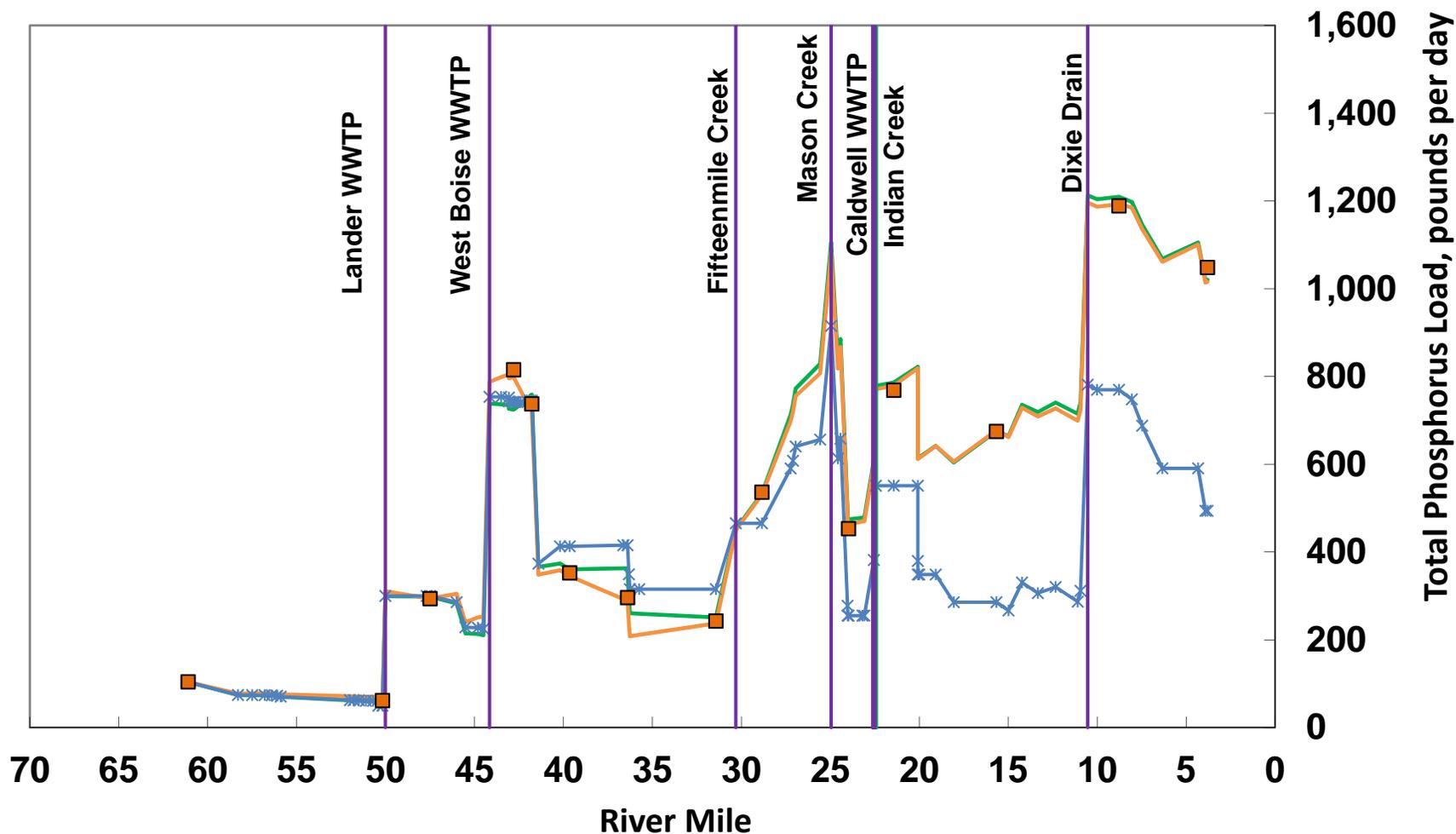


Flow Calibration Plot - August

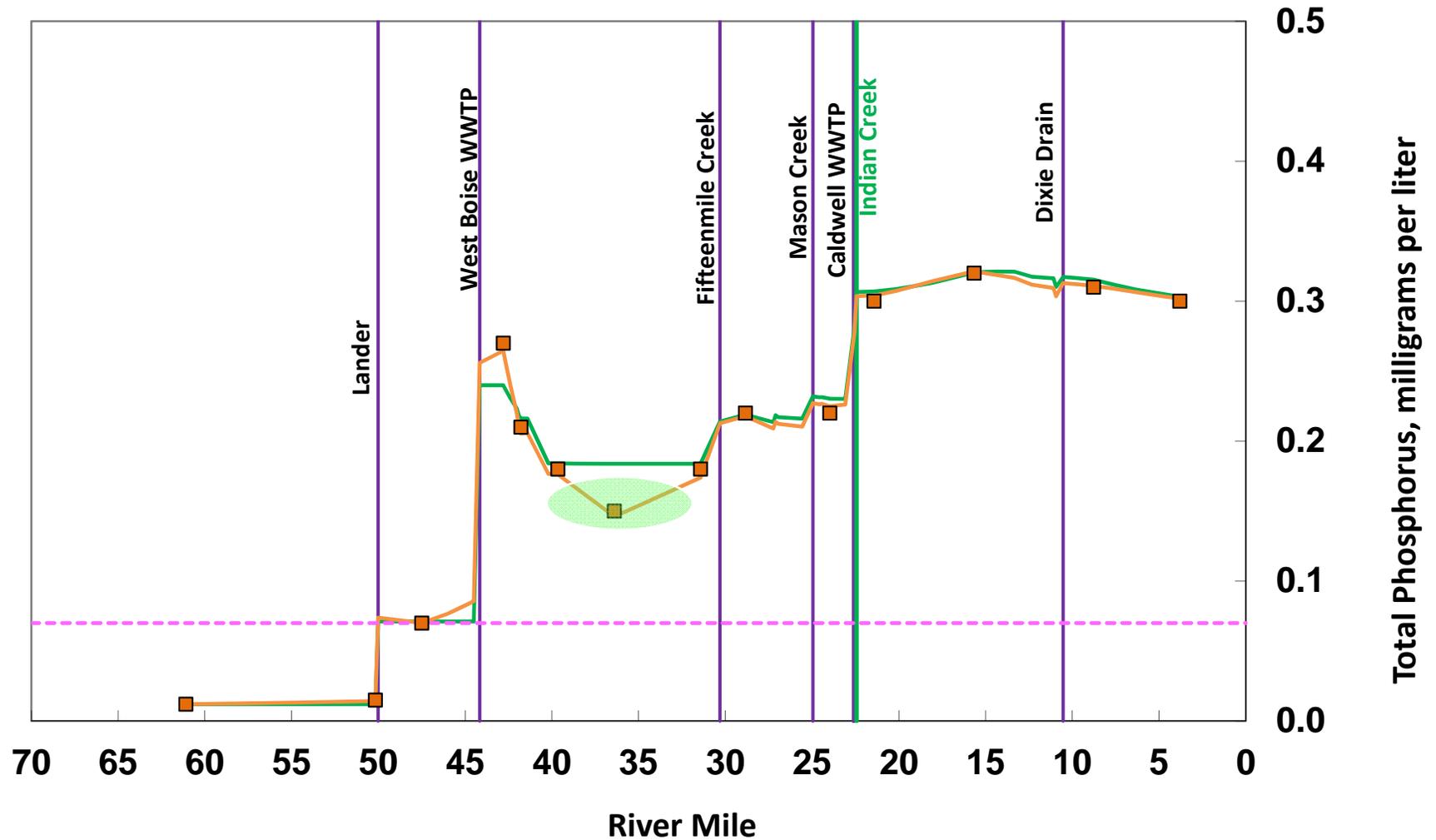


Provisional – Subject to Peer Review

TP Load Calibration Plot - August

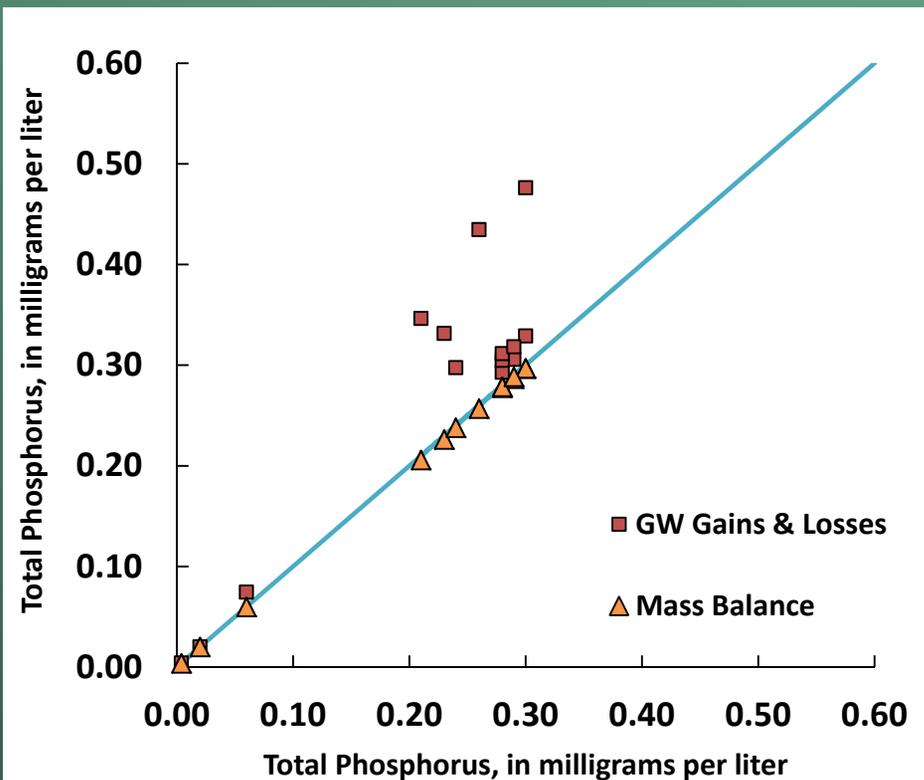


TP Concentration Calibration Plot - Aug



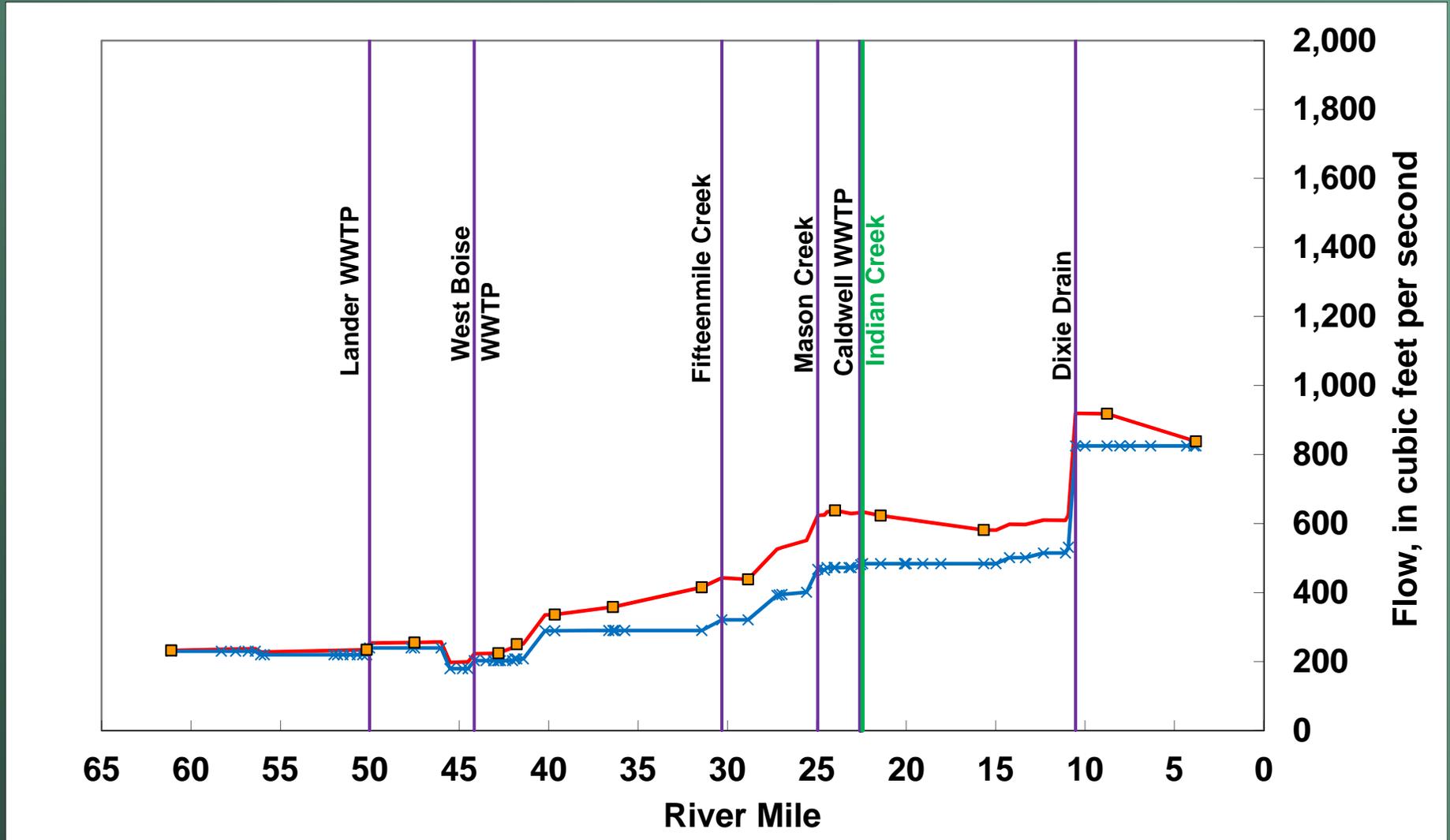
October Results

- 14 mainstem samples
 - 0.83 R² for predictive model
 - Best fit GW = trib TP

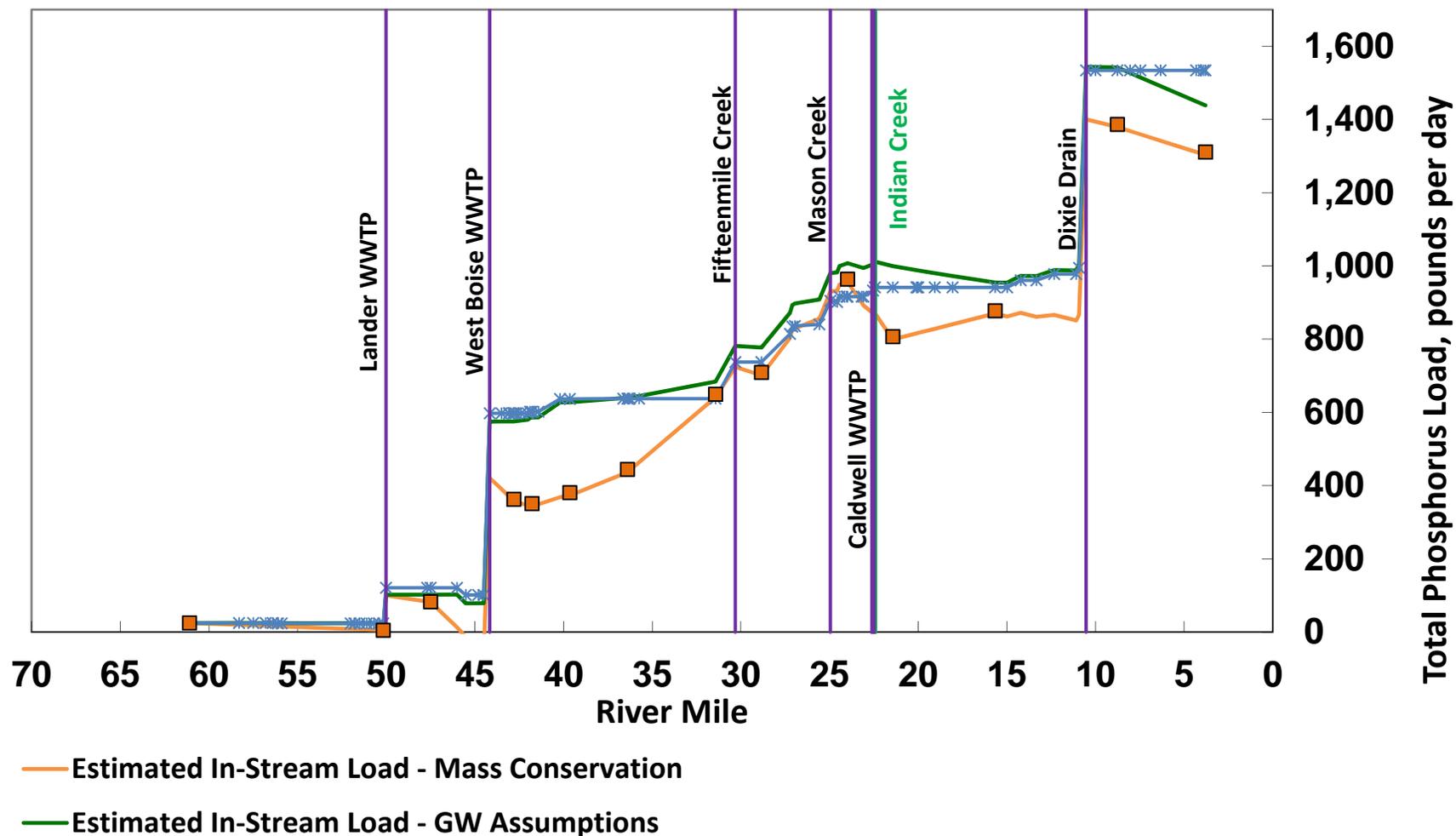


Provisional – Subject to Peer Review

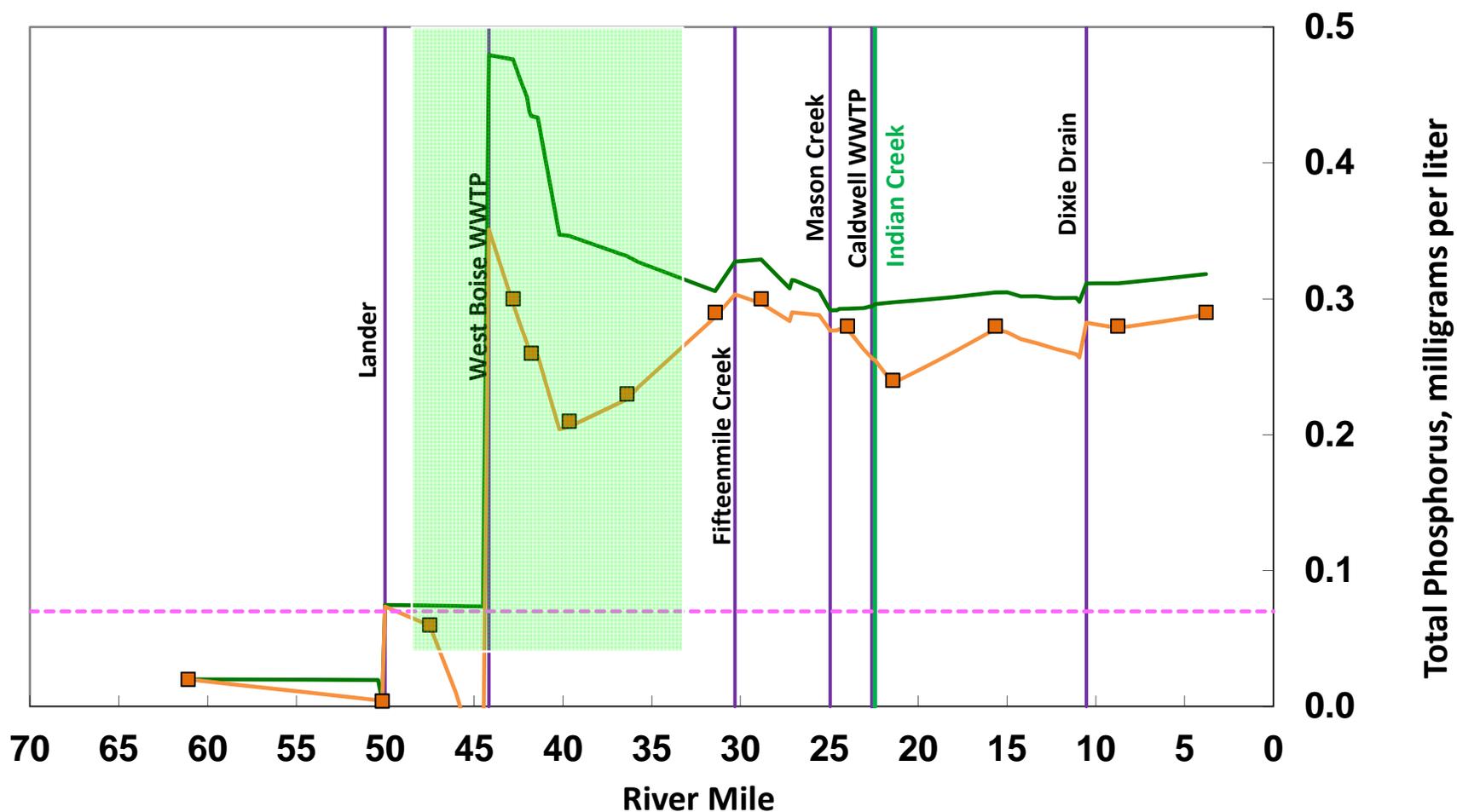
Flow Calibration Plot - October



TP Load Calibration Plot - October

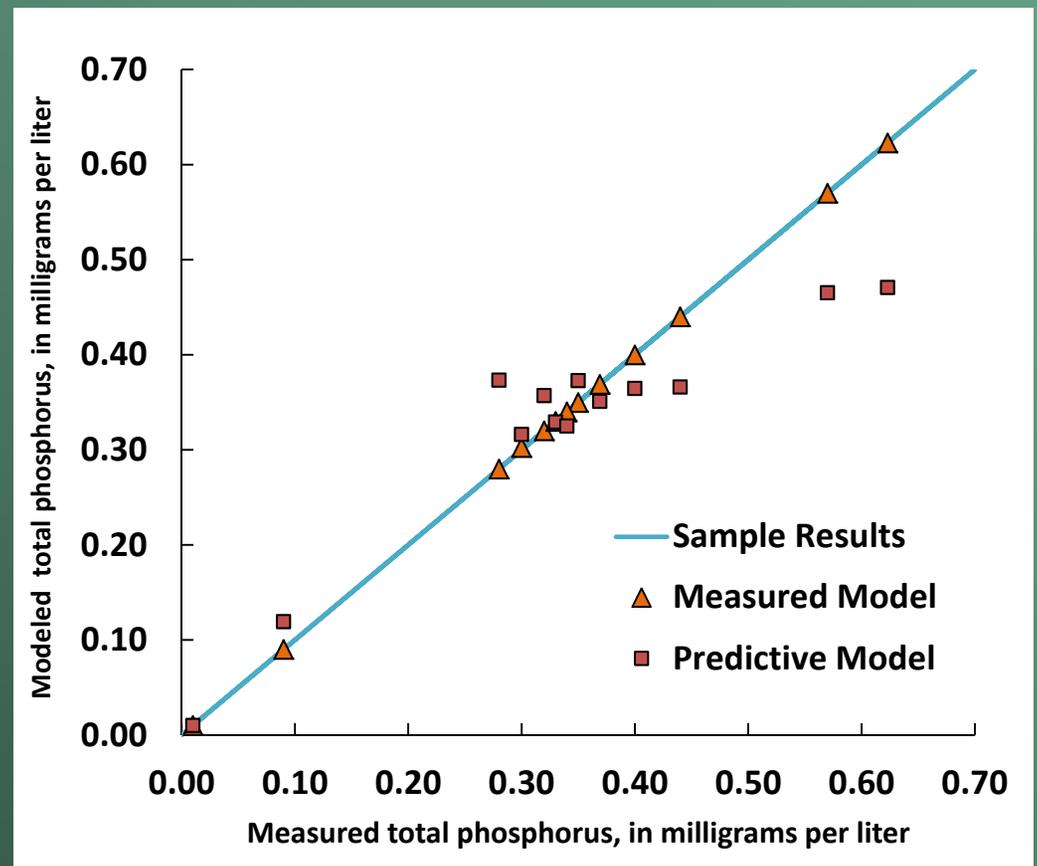


TP Concentration Calibration Plot - Oct



March Results

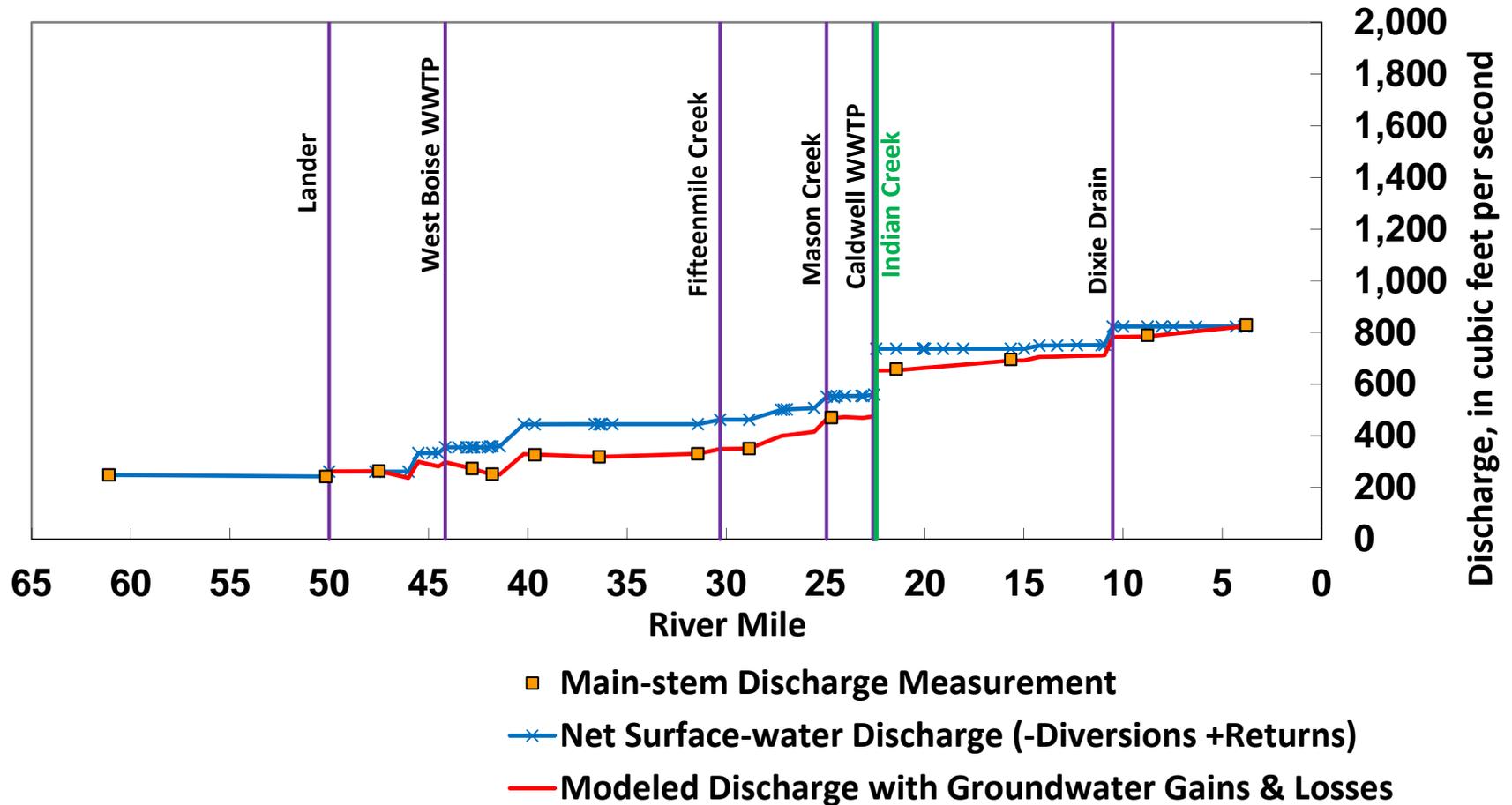
- 14 main-stem samples
 - >86% R² predictive model
 - Best Fit GW = tributary TP



Provisional – Subject to Peer Review

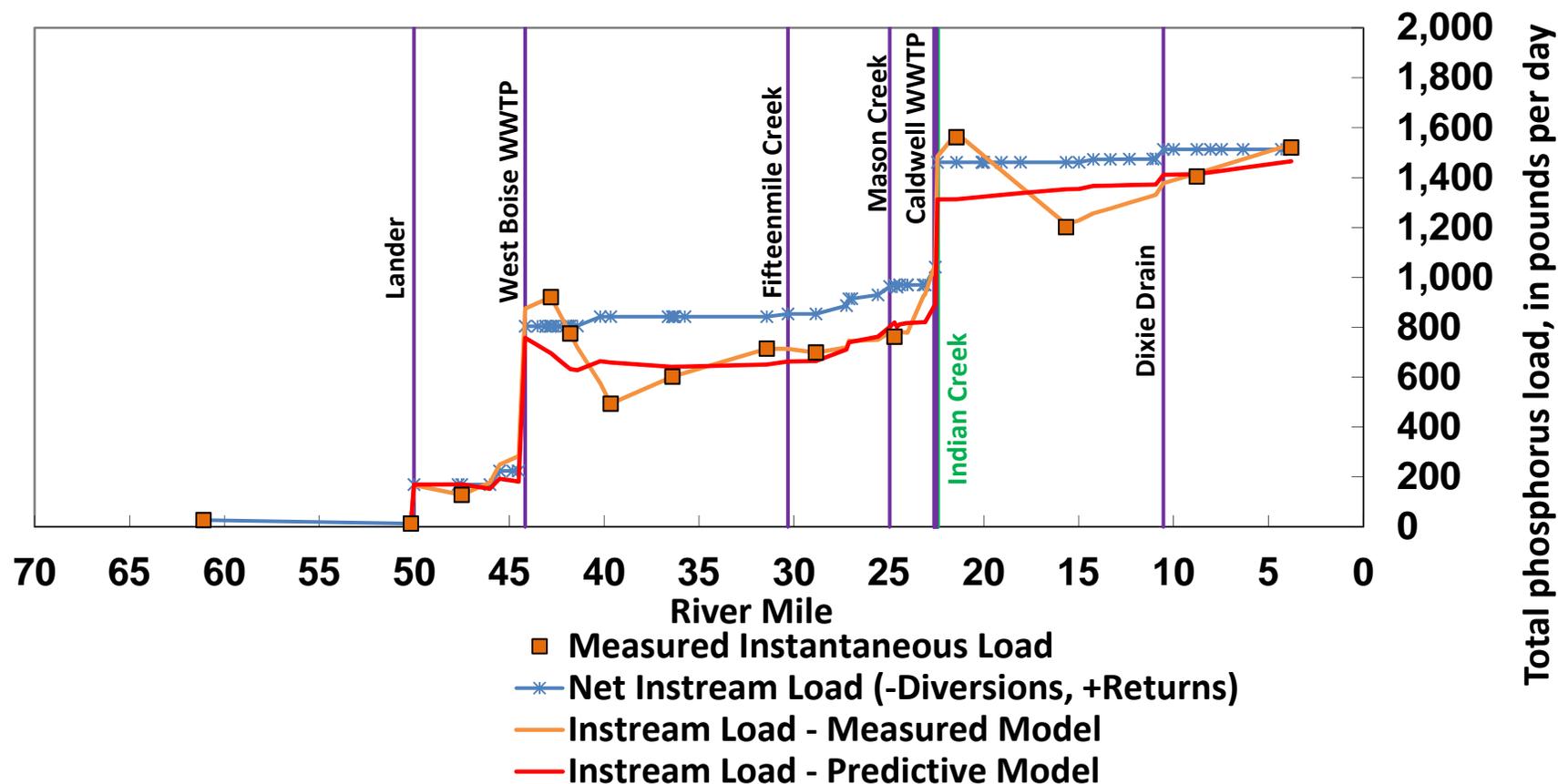
Flow Calibration Plot - March

Discharge Balance and Measured Instream Discharge Week of March 4, 2013, Lower Boise River, Ada and Canyon Counties, Idaho



TP Load Calibration Plot - March

Total Phosphorus Load Estimates and Measured Instream Loads
 Week of March 4, 2013, Lower Boise River, Ada and Canyon Counties, Idaho



Provisional – Subject to Peer Review

TP Concentration Calibration Plot - March

Total Phosphorus Concentration Estimates and Measured Instream Concentrations , Week of March 4, 2013, Lower Boise River, Ada and Canyon Counties, Idaho

